NA0011

#### **Flood Control Project Maintenance** Levee Inspections

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start		Rating **	Α	Issue No.		41	
LM End		Issue Type +	Ma	Location * WS			
Category	Earthen Levee			GPS Latitude/Longitude			
Category						End	
Item	Operation	Operations & Maintenance			٥		0
item	Manuals				0		0
DWR ID	DWR_NA0	011_01_s _ 201	2_41	'			
		Action/	Comme	nts			
Inspector on hand.	Inspector Comments: Madera County has a copy of the O&M Manual						

No Photos

Rating \*\* Issue No. LM Start Α 43 Location \* WS Issue Type + Ma LM End Earthen Levee GPS Latitude/Longitude Category Start End **Emergency Supplies &** Item Equipment DWR NA0011 01 s 2012 43 DWR ID Action/Comments Inspector Comments: Madera County has emergency supplies.

No Photos

Rating \*\* Issue No. LM Start Α 44 LM End Issue Type + Ma Location \* WS Earthen Levee GPS Latitude/Longitude Category Start End Flood Preparedness & Training Item DWR ID DWR\_NA0011\_01\_s \_ 2012\_44 Action/Comments

No Photos

Inspector Comments: Madera County Flood Control has an ongoing training program.

NA0011

#### **Flood Control Project Maintenance** Levee Inspections

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# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.00	Rating **	М	Issue No.	35			
LM End	0.24	Issue Type +	Ма	Location *	LS			
Catagory	Category Earthen Levee			GPS Latitude/Longitude				
Calegory	Category		Start		End			
Item	Vegetatio	n		37.04650	7 °	37.047545	0	
пеш				-120.42776	2 °	-120.423650	0	
DWR ID	DWR_NA0	011_01_f _ 201	4_35					
		Action/	Comme	nte				

Remove the wild growth other than native grasses from the levee slopes.

No Photos

Rating \*\* Issue No. LM Start 0.00 U 34 WS Issue Type + Ma Location \* LM End 2.18 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 37.046507° 37.066035° Item -120.427762 ° -120.399910 DWR NA0011 01 f 2014 34 DWR ID

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Control the wild growth on the waterside of the levee slope.

No Photos

Rating \*\* Issue No. LM Start 0.02 M 21 0.05 Issue Type + Ma Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End 37.046723 Vegetation 37.046638° Item -120.427257 -120.426957 DWR ID DWR\_NA0011\_01\_s \_ 2014\_21

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

\* Location LS: Land Side

N/A: Not Applicable WS : Water Side

Friday, December 19, 2014 07:21

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W: Acceptable but Monitor & Maintain En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.03	Rating **	U	Issue No. 20		20	
LM End	0.04	Issue Type +	Ма	Location *	LS		
	Earthen Levee			GPS Latitude/Longitude			
Calegory		Start		End			
Item	Slope Sta	bility		37.0466	24 °	37.046682	
item				-120.4273	17 °	-120.427108	
DWR ID DWR_NA0011_01_s _ 2014_20							

#### Action/Comments

Repair slope instability.

Inspector Comments: This is not a new erosion site, it should be repaired before the condition get any worse.

# Photo 1 of 1: FA\_2014\_NA0011\_142\_20\_20141008\_00007.jpg



The landside levee slope and toe has some damage noted during this inspection. Photo taken 4-29-2014. No new photo was taken during this Fall inspection.

LM Start	0.03	Rating **	М	Issue No.		19	
LM End	0.74	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Co	ontrol		37.04662	24 °	37.052790 °	
item						-120.417677 °	
DWR ID	ID DWR_NA0011_01_s _ 2014_19						
	Action/Comments						

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

LM Start	0.05	Rating **	М	Issue No.		22		
LM End	0.86	Issue Type +	Ma	Location *		LS		
Category	Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Animal Co	ontrol		37.04672	23 °	37.054221 °		
item				-120.4269	57 °	-120.417131 °		
DWR ID	DWR_NA0	011_01_s _ 201	4_22					

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

\* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side Acceptable N : Not Inspected/Rated WS : Water Side Minimally Acceptable C : Corrected U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.10	Rating **	М	Issue No.	951		
LM End	0.14	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory						End	
Item	Animal Co	ontrol		37.04565	8 °	37.045948 °	
пеш				-120.4268	8 °	-120.425513 °	
DWR ID	DWR_NA0	011_01_s _ 201	2_951				
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District need to place bait stations to control the rodents.

No Photos

Rating \*\* Issue No. LM Start 0.12 M 23 Issue Type + Ma Location \* LS LM End 0.73 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 37.046994° 37.052529° Item -120.425776 ° -120.417800 DWR NA0011 01 s 2014 23 DWR ID

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	0.24	Rating **	U	Issue No.		37	
LM End	1.26	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory	Jalegory		Start		End		
Item	Vegetatio	n		37.0475	45 °	37.057083	0
пеш				-120.4236	50 °	-120.411367	0
DWR ID	DWR_NA0	011_01_f _ 201	4_37				
		Action/	Comme	nts			

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remoove the tall weeds from the levee section. Photo 1 of 1: FA\_2014\_NA0011\_142\_37\_20141124\_00020.jpg



Tall weeds on levee shoulder and slope from 0.24 to 1.26.

Location LS: Land Side WS : Water Side

N/A: Not Applicable

: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.27	Rating **	U	Issue No.	24		
LM End	0.88	Issue Type +	Ма	Location *	CR		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory		Start		End			
Item	Vegetatio	Vegetation			54 °	37.054506	0
пеш				-120.4232	95 °	-120.417041	D
DWR ID	DWR_NA0						
	Action/Comments						

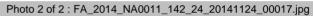
Keep the crown roadway free of vegetation. Inspector Comments: The levee crown roadway should be free from any vegetation.





The levee crown roadway is overgrown with weeds. Photo taken 4-29-2014.

LM Start	0.27	Rating **	U	Issue No.	24 (cont)
LM End	0.88	Issue Type +	Ma	Location *	CR





LM Start	0.28	Rating **	M	Issue No.	No. 6		
LM End	0.30	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Category			Start		End		
Item	Encroach	ments		37.0478	12 °	37.047963	٥
пеш				-120.4231	55 °	-120.422898	0
DWR ID	DWR_NA0	011_01_s _ 201					
Action/Comments							

Tree or limb

Inspector Comments: Noted on the last two inspections.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W: Acceptable but Monitor & Maintain	En : Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.32	Rating **	М	Issue No.		8	
LM End	0.34	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Lat	le/Longitude			
Calegory				Start		End	
Item	Encroach	ments		37.04822	3°	37.048467 °	
пеш			-120.42264	2 °	-120.422315 °		
DWR ID	DWR_NA0011_01_s _ 2012_8						
	Action/Comments						

Tree or limb

Inspector Comments: Noted on the last two inspections.

No Photos

Rating \*\* Issue No. LM Start 0.39 M 25 Issue Type + Ma Location \* LS LM End 0.62 Earthen Levee GPS Latitude/Longitude Category Start End Slope Stability 37.048886° 37.051208° Item -120.421838 ° -120.418903 DWR NA0011 01 s 2014 25 DWR ID Action/Comments

Repair slope instability.

No Photos

Rating \*\* Issue No. LM Start 0.43 M 0.43 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End 37.049355 Encroachments 37.049355° Item -120.421203 ° -120.421203 DWR ID DWR\_NA0011\_01\_s \_ 2012\_9 Action/Comments

Tree or limb

Inspector Comments: Noted on the last two inspections.

No Photos

A : Acceptable M : Minimally A : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

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# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.44	Rating **	М	Issue No.	11		
LM End	0.44	Issue Type +	Ма	Location *	WS		
Category	Earthen Levee			GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Encroach	croachments			55 °	37.049455 °	
пеш			-120.421218 °		-120.421218 °		
DWR ID	DWR_NA0	011_01_s _ 201	2_11				
		Action/	Comme	nts			
Tree or lim	ıb						

No Photos

LM Start	0.45	Rating **	М	Issue No.		39
LM End	0.56	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Item	Encroach	ncroachments			4 °	37.050574 °
item			-120.42101	7 °	-120.419601 °	
DWR ID	DWR_NA0	011_01_s _ 201	2_39			
Action/Comments						
Tree or lim	ıb					

No Photos

LM Start	0.53	Rating **	М	Issue No. 10			
LM End	0.53	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		37.0503	35 °	37.050335	0
item			-120.4199	65 °	-120.419965	0	
DWR ID	DWR_NA0	011_01_s _ 201	2_10				
Action/Comments							

No Photos

\* Location LS: Land Side N/A: Not Applicable WS : Water Side

Tree or limb

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.87	Rating **	М	Issue No.		13		
LM End	1.25	Issue Type +	Ma	Location *		WS		
Category	Earthen L	.evee		GPS La	atitude	e/Longitude		
Calegory				Start		End		
ltom	Vegetatio	n		87.0543	62 °	37.056979	0	
Item				-120.4170	80°	120.411460	0	
DWR ID	DWR_NA0	011_01_s _ 201	3_13					
	Action/Comments							

Action/Comments

Remove the wild growth other than native grasses from the levee

Inspector Comments: The district really needs to get control of the wild growth.

No Photos

Rating \*\* Issue No. LM Start 0.89 M 29 WS Issue Type + Ma Location \* LM End 1.19 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 37.054708° Item -120.416960 ° DWR NA0011 01 s 2014 29 DWR ID Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	1.06	Rating **	U	Issue No.		33	
LM End	1.24	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Slope Sta	bility		37.0559	42 °	37.056948	0
item				-120.4143	90°	-120.411460	0
DWR ID DWR_NA0011_01_f _ 2014_33							
Action/Comments							

Repair slope instability.

Inspector Comments: The toe here has been damaged by farm equipment.



Looking downstream from levee mile 1.06 toward levee mile 1.24 at the waterward toe that has been damaged.

Location N/A: Not Applicable LS: Land Side WS : Water Side

: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.11	Rating **	U	Issue No.	1		
LM End	1.20	Issue Type +	Ма	Location *	WS		
Category			GPS Latitude/Longitude				
Category				Start		End	
Item	DWR Ero	sion Survey		37.0555	96 °	37.055596 °	
пеш				-120.4126	47 °	-120.412647 °	
DWR ID							

#### Action/Comments

Inspector Comments: 07/22/2014: No significant change observed. 08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2014 Site ID:NA0011U01RM2.57]



View of the erosion site from the levee crest.

LM Start	1.19	Rating **	М	Issue No.		31
LM End	1.19	Issue Type +	Ма	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Category		Start		End		
Item	Slope Sta	bility		37.05656	3 °	37.056563 °
item			-120.41202	20 °	-120.412019 °	
DWR ID DWR_NA0011_01_s _ 2014_31						
		Action/	Commo	ntc		

Repair slope instability.

Inspector Comments: The waterside is damaged by farmer.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.37	Rating **	U	Issue No.	32		
LM End	1.83	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Category			Start		End		
Item	Slope Stability			37.0584	60 °	37.062580	0
item				-120.4103	90 °	-120.404180	0
DWR ID DWR_NA0011_01_f _ 2014_32							
Action/Comments							

Repair slope instability.

Inspector Comments: The toe has been damaged by discing too close to the levee toe waterward.



Looking downstream water ward slope damaged by discing equipment.

LM Start	1.47	Rating **	М	Issue No.		7
LM End	2.37	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Item	Slope Sta	bility		37.0591	13 °	37.068344°
пеш				-120.4088	80°	-120.398780 °
DWR ID DWR_NA0011_01_s _ 2013_7						
Action/Comments						

Repair slope instability.

No Photos

LM Start	1.63	Rating **	М	Issue No.	3		
LM End	1.65	Issue Type +	Ma	Location *	LS		
Catagony	Category Earthen Levee			GPS Latitude/Longitude			
Category		Start		End			
Item	Vegetation		37.06038	89 °	37.060678	٥	
item				-120.40655	55 °	-120.406345	0
DWR ID	DWR_NA0	011_01_s _ 201	2_3				
Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

No Photos

\* Location LS : Land Side WS : Water Side

N/A: Not Applicable

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	2.06	Rating **	U	Issue No.		26	
LM End	2.18	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Category			Start		End		
Item	Vegetation			37.0649	17 °	37.066035 °	
пеш				-120.4015	20 °	-120.399910 °	
DWR ID DWR_NA0011_01_f _ 2014_26							
Action/Comments							

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unwanted tall weeds from the waterward shoulder and slope.



Unwanted tall weeds on the waterward slope.

LM Start	2.37	Rating **	М	Issue No. 15		15	٦
LM End	2.39	Issue Type +	Ma	Location *	WS		
Catagory	Supplemental			GPS Latitude/Longitude			
Category			Start		End		
Item	DWR Ero	DWR Erosion Survey			70°	37.068570	0
item		-120.398620 ° -120.39		-120.398620	0		
DWR ID							

#### Action/Comments

Inspector Comments: 07/22/2014: No significant change observed. 08/30/2013: No significant change observed

07/31/2012: Site was visited on 07/26/2012. No significant change observed

08/09/2011: Site was inspected. No visible change was observed from the previous condition. There have been no reports from the district that this site was corrected.

11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that this site was corrected. Continue monitor during flood events.

08/05/2010: Recommended for annual assessment and monitoring

during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; it was previously rated "M".

8/26/2008: Undulating waterside slope surface; vehicular damage along the waterside slope possibly caused by farming equipment; levee crown is composed of sandy material; there is a collection of concrete rubble on the waterside crown hinge; vehicular damage extends from levee toe to crown surface.

9/6/2007: Farmer degraded levee on water-ward slope and crown. [2014 Site ID:NA0011U01RM3.8]

Photo 1 of 1: SJR2014\_NA0011U01RM3.8\_1.jpg



Close view of the site. The site has been plowed by the farm vehicle and the erosion is not visible any longer.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	11/18/2014 11/18/2014	Herman Phillips

LM Start	2.40	Rating **	U	Issue No.		17		
LM End	2.40	Issue Type +	Ма	Location *	WS			
Catagony	Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start End		End		
Item	Slope Sta	bility		37.0687	37 °	37.068737 °		
пеш				-120.3985	70 °	-120.396570 °		
DWR ID	DWR_NA0	011_01_s _ 201	3_17			·		

#### Action/Comments

Repair slope instability.

Inspector Comments: The farmer has plowed up the waterside berm too close to the levee toe causing damage to the levee toe also this method transfers the bamboo roots along the berm. Spraying is needed to kill the new growth. This method of maintaining the waterside cannot continue.

# Photo 1 of 1 : FA\_2014\_NA0011\_142\_17\_20141124\_00016.jpg

Ash Slough levee toe damaged by farm equipment discing too close.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

			Issue No.	33	
0.88	Issue Type +	Ма	Location *	WS	
Earthen Levee			GPS Latitude/Longitude		
			Start End		End
/egetatior	n		37.0472	59 °	37.053507°
			-120.42210	)7 °	-120.416249 °
DWR ID DWR_NA0011_02_s _ 2014_33					
/	arthen L	egetation	egetation	GPS La   Start   GPS La   Start   GPS La   Start   GPS La   Cegetation   37.04725   GPS La   Cegetation   GP	arthen Levee   GPS Latitude   Start     degetation   37.047259     -120.422107

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the wild weeds from the waterside levee slope.

#### Photo 1 of 1: FA\_2014\_NA0011\_143\_33\_20141124\_00011.jpg



Looking upstream from the waterside slope at tall weeds present on the levee section.

LM Start	0.00	Rating **	U	Issue No.		39
LM End	0.88	Issue Type +	Ма	Location *	LS	
Category	Earthen L	.evee	GPS Latitude/Longitude			
Calegory				Start End		End
Item	Vegetatio	n		37.0472	59°	37.053507°
пеш				-120.4221	10°	-120.416250 °
DWR ID DWR_NA0011_02_f _ 2014_39						
		A -4: /	C	-1-		

#### Action/Comments

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Wild growth on levee slope need to be removed.

#### Photo 1 of 1: FA\_2014\_NA0011\_143\_39\_20141124\_00014.jpg



Looking upstream from 0.00 at wild growth on the landside levee slope.

LM Start	0.00	Rating **	М	Issue No.		10	
LM End	2.06	Issue Type +	Ma	Location *	WS		
Category	Earthen L	.evee		GPS La	titud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		37.04558	33 °	37.064027	0
пеш				-120.4273	35 °	-120.401112	0
DWR ID	DWR_NA0	011_02_f _ 201	4_10				

Action/Comments

Control annual grass and weeds on the levee slopes and easements.

No Photos

\*\* Rating

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

AW: Acceptable but Monitor & Maintain

En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.03	Rating **	М	Issue No.	48		
LM End	0.66	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start	Start End		
Item	Animal Co	ontrol		37.04568	5 °	37.050727	0
пеш				-120.426820 ° -120.4		-120.417933	٥
DWR ID	DWR_NA0	011_02_s _ 201	2_48				

Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Bait stations are needed in this infested area both landside and waterside.

No Photos

LM Start	0.05	Rating **	U	Issue No.	19		
LM End	1.69	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Animal Co	ontrol		37.04580	06 °	37.060091 °	
пеш				-120.42640	05 °	-120.405342 °	
DWR ID	DWR_NA0	011_02_f _ 201	2_19				
		A -4: /	C	-1-			

#### Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The rodents here on the landside need to be controlled. Bait stations are needed.

# Photo 1 of 1 : FA\_2014\_NA0011\_143\_19\_20141124\_00013.jpg



Large rodent mounds underneath vine growth on the landside slope.

LM Start	0.27	Rating **	М	Issue No.		21	
LM End	0.29	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Category				Start End			
Item	Trim / Thi	n Trees		37.046937 °		37.047192	0
пеш				-120.4228	15 °	-120.422517	0
DWR ID	DWR_NA0	011_02_s _ 201	2_21				
	Action/Comments						

Trim trees to at least five feet above ground level.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.30	Rating **	М	Issue No.	12		
LM End	0.49	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start End		End	
Item	Vegetatio	Vegetation		37.047217 °		37.048944	0
пеш				-120.42242	24 °	-120.419943	0
DWR ID DWR_NA0011_02_s _ 2014_12							
	Action/Comments						

Remove the wild growth other than native grasses from the levee slopes.

Rating \*\* Issue No. LM Start 0.32 M 24 WS Issue Type + Ma Location \* LM End 1.89 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 37.047415° 37.062094° Item -120.422141 ° -120.403083 DWR NA0011 02 f 2012 24 DWR ID Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Rating \*\* Issue No. LM Start 0.32 M 28 0.32 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End 37.047416 Encroachments 37.047416° Item -120.422142 ° -120.422142 ° DWR ID DWR\_NA0011\_02\_f \_ 2012\_28 Action/Comments

Tree or limb

No Photos

No Photos

No Photos

A : Acceptable M : Minimally A : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

0.32	Rating **	М	Issue No.		29		
0.98	Issue Type +	Ма	Location *	CR			
Category Earthen Levee				GPS Latitude/Longitude			
		Start		End			
Vegetatio	n		37.04741	7 °	37.054965	0	
			-120.42214	2 °	-120.415250	0	
DWR_NA0011_02_f _ 2012_29							
	0.98 Earthen L Vegetatio	0.98 Issue Type + Earthen Levee Vegetation	0.98 Issue Type + Ma Earthen Levee	0.98         Issue Type +         Ma         Location *           Earthen Levee         GPS Lat           Start         Start           Vegetation         37.04741           -120.42214	0.98         Issue Type +         Ma         Location *           Earthen Levee         GPS Latitud           Start           Vegetation         37.047417 °           -120.422142 °	0.98         Issue Type +         Ma         Location *         CR           Earthen Levee         GPS Latitude/Longitude           Start         End           Vegetation         37.047417 °         37.054965           -120.422142 °         -120.415250	

Action/Comments

Keep the crown roadway free of vegetation.

Inspector Comments: The crown roadway should be free of vegetation.

No Photos

LM Start	0.33	Rating **	U	Issue No.	34		
LM End	2.06	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	, Vegetation			37.0474	68 °	37.064027 °	
item			-120.4220	87 °	-120.401112 °		
DWR ID	DWR_NA0011_02_f _ 2014_34						
		Action/	Commo	ntc			

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the wild growth from the waterside.

# Photo 1 of 1: FA\_2014\_NA0011\_143\_34\_20141124\_00015.jpg



Wild growth on the waterside levee slope.

LM Start	<b>0.45</b> Rating ** M		Issue No.		38			
LM End	0.95	Issue Type +	Ma	Location *		LS		
Catagony	Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End			
Item	Vegetation			37.0486	88 °	37.054693	0	
пеш				-120.4204	15 °	-120.415710	٥	
DWR ID	DWR_NA0011_02_f _ 2014_38							
Action/Comments								

Action/Comments

Control annual grass and weeds on the levee slopes and easements.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.52	Rating **	М	Issue No.	e No. 35			
LM End	0.52	Issue Type +	Ма	Location *		WS		
Catagory	Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Trim / Thi	n Trees		37.04928	39 °	37.049289	0	
пеш				-120.41954	12 °	-120.419542	0	
DWR ID	DWR_NA0	011_02_s _ 201	3_35					
	Action/Comments							

Thin trees to allow visibility of the ground and room to flood fight.

Rating \*\* Issue No. LM Start 0.55 M 13 WS Issue Type + Ma Location \* LM End 2.06 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 37.049597° 37.064091° Item -120.419163 ° -120.401131 ° DWR ID DWR NA0011 02 s 2012 13 Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: The wild growth needs to be maintained.

LM Start	0.58	Rating **	М	Issue No.		14	
LM End	0.61	Issue Type +	Ма	Location *	LS		
Catagory	Earthen L	GPS Latitude/Longitude					
Category				Start		End	
Itom	Encroach	ments		37.0498	30°	37.050267	0
Item			-120.4188	12 °	-120.418329	0	
DWR ID	DWR_NA0011_02_s _ 2012_14						
Action/Comments							

Pipe

No Photos

No Photos

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.79	Rating **	М	Issue No.		26	
LM End	0.84	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroachments			37.0531	37 °	37.052745	0
itelli				-120.4175	17 °	-120.417695	0
DWR ID	DWR_NA0011_02_s _ 2012_26						
		Action/	Comme	nte			

No Photos

Equipment

Inspector Comments: The landowner here has equipment within the easement landside however, most of the encroachments has been removed since last Inspection. All has not been removed.

LM Start	0.79	Rating **	М	Issue No.	27		
LM End	0.79	Issue Type +	Ma	Location *	LS		
Catagory	Category Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End		
Item	Trim / Thi	n Trees		37.0532	83 °	37.053283 °	
пеш			-120.417477 °		-120.417477 °		
DWR ID	DWR_NA0011_02_s _ 2012_27						
Action/Comments							

No Photos

LM Start	0.98	Rating **	U	Issue No.	44		
LM End	1.40	Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
ltom	Vegetatio	n		37.0548	30 °	37.057948 °	
Item				-120.4156	00 °	-120.409763 °	

#### Action/Comments

Keep the crown roadway free of vegetation.

DWR ID DWR\_NA0011\_02\_f \_ 2014\_44

Trim trees to at least five feet above ground level.

Inspector Comments: Keep crown roadway free of vegetation.

Photo 1 of 1: FA\_2014\_NA0011\_143\_44\_20141124\_00017.jpg



Crown roadway from 0.98 to 1.40 tall grasses present.

Location N/A: Not Applicable LS : Land Side WS : Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

NA0011

#### Flood Control Project Maintenance Levee Inspections

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.04	Rating **	М	Issue No.	3		
LM End	1.24	Issue Type +	Ma	Location *	WS		
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	n Trees	Trees		15 °	37.056050	0	
пеш				-120.41458	88 °	-120.411178	0
DWR ID	DWR_NA0						
Action/Comments							

Trim trees to at least five feet above ground level.

Rating \*\* Issue No. LM Start 1.04 M 15 WS Issue Type + Ma Location \* LM End 1.04 Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 37.055171° 37.055171° Item -120.414560 ° -120.414560 ° DWR NA0011 02 s 2012 15 DWR ID Action/Comments

Tree or limb

Rating \*\* Issue No. LM Start 1.14 M 36 1.14 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 37.055599 37.055599° Item -120.412836 -120.412836 DWR ID DWR\_NA0011\_02\_s \_ 2013\_36 Action/Comments

Trim and thin trees to allow visibility of the ground and room to flood fight.

No Photos

No Photos

No Photos

\* Location

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

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# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.16	Rating **	М	Issue No.		31		
LM End	2.07	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Vegetatio	Vegetation		37.05569	4 °		0	
пеш				-120.41258	8 °		0	
DWR ID	DWR ID DWR_NA0011_02_f _ 2012_31							
	Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

No Photos

Rating \*\* Issue No. LM Start 1.40 M 16 Issue Type + Ma Location \* CR LM End 2.05 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 37.057896° 37.063896 ° Item -120.409687 ° -120.401232 DWR NA0011 02 s 2012 16 DWR ID Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the vegetation from crown roadway.

No Photos

LM Start	1.48	Rating **	U	Issue No.		43		
LM End	1.52	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start End				
ltom	Trim / Thi	n Trees		37.0583	35 °	37.058520	0	
пеш	Item				34 °	-120.407791	0	
DWR ID DWR_NA0011_02_s _ 2014_43								
Action/Comments								

Trim and thin trees to allow visibility of the ground and room to flood fight.

Photo 1 of 1 : FA\_2014\_NA0011\_143\_43\_20141124\_00018.jpg



Dead fallen tree not removed from levee section, reported in Spring inspection.

\* Location
LS: Land Side N/A: Not Applicable
WS: Water Side

le A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence
En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.49	Rating **	М	Issue No.		2		
LM End	1.49	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start	End			
ltom	Trim / Thi	n Trees		37.0582	73 °	37.058273	0	
пеш	Item				95 °	-120.408195	0	
DWR ID DWR_NA0011_02_s _ 2012_2								
	Action/Comments							

Trim trees to at least five feet above ground level.

Rating \*\* Issue No. LM Start 1.52 M WS Issue Type + Ma Location \* LM End 1.52 Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 37.058573° 37.058573° Item -120.407660 ° -120.407660 DWR NA0011 02 s 2012 1 DWR ID Action/Comments

Trim trees to at least five feet above ground level.

Rating \*\* Issue No. LM Start 1.53 M 25 1.55 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 37.058802 37.058652° Item -120.407638 -120.407350 DWR ID DWR\_NA0011\_02\_s \_ 2012\_25 Action/Comments

Trim trees to at least five feet above ground level.

No Photos

No Photos

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.00	Rating **	М	Issue No.	21			
LM End	0.00	Issue Type +	Ma	Location *	LS			
Catagony	Category Earthen Levee				GPS Latitude/Longitude			
Calegory	ategory			Start		End		
Item	Vegetatio	n		36.99658	o °	36.996580		
пеш					o °	-120.374020		
DWR ID DWR_NA0011_03_s _ 2014_21								
	Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	0.00	Rating **	U	Issue No.	1	
LM End	1.55	Issue Type +	Ма	Location *	WS	
Category Earthen Levee				GPS Latitude/Longitude		
Calegory	Category			Start		End
Item	Vegetatio	n		36.99660	6 °	36.996612 °
item					0°	-120.346460 °
DWR ID DWR_NA0011_03_s _ 2013_1						·
		A ation /	Camma	nto		

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the tumble weeds from the levee section.



Looking upstream from levee mile 0.00 tumble weeds present on the waterward levee section.

LM Start	0.02	Rating **	М	Issue No.		33		
LM End	0.12	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Vegetatio	n		36.9966	50 °	36.996261	0	
пеш				-120.3733	86 °	-120.371765	0	
DWR ID DWR_NA0011_03_f _ 2012_33								
	Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

NA0011

#### **Flood Control Project Maintenance** Levee Inspections

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.03	Rating **	М	Issue No.	35		
LM End	0.03	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Trim / Thin Trees			36.99661	8 °	36.996618 °	
пеш				-120.37311	6°	-120.373116 °	
DWR ID DWR_NA0011_03_f _ 2012_35							
	Action/Comments						

Trim trees over roadway to at least 12 feet above ground level. Inspector Comments: Tree drags against vehicles as they pass by. Remove overhanging tree limbs.

No Photos

Rating \*\* Issue No. LM Start 0.04 M 7 Issue Type + Ma Location \* CR LM End 0.04 Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 36.996553° 36.996553° Item -120.373103 ° -120.373103 ° DWR NA0011 03 s 2013 7 DWR ID Action/Comments

Trim trees over roadway to at least 12 feet above ground level.

No Photos

Rating \*\* Issue No. 0.05 С 34 LM Start 0.05 Issue Type + Ma Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category End Start Trim / Thin Trees 36.996586° 36.996586 ° Item -120.373158 -120.373158 DWR ID DWR\_NA0011\_03\_f \_ 2012\_34 Action/Comments

Thin trees to allow visibility of the ground and room to flood fight.

No Photos

\* Location N/A: Not Applicable LS: Land Side WS : Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W: Acceptable but Monitor & Maintain En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.06	Rating **	М	Issue No.	18		
LM End	0.06	Issue Type +	Ма	Location *	LS		
Category	Cotogon/ Earthen Levee			GPS Latitude/Longitude			
Calegory	y			Start		End	
Item	Trim / Thin Trees			36.99637	'8 °	36.996378	0
пеш				-120.37273	88 °	-120.372738	0
DWR ID	DWR_NA0						
	Action/Comments						

Trim trees to at least five feet above ground level.

Rating \*\* Issue No. LM Start 0.06 M 29 WS LM End Issue Type + Ma Location \* 1.55 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.996378° 36.996611° Item -120.372738 ° -120.346460 ° DWR NA0011 03 f 2014 29 DWR ID Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the wild growth other than native annual grasses.

LM Start	0.06	Rating **	М	Issue No.		19		
LM End	0.06	Issue Type +	Ма	Location *	n * LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory		Start		End				
ltom	Encroach	ments		36.99634	8 °	36.996348	٥	
item	Item					-120.372699	0	
DWR ID DWR_NA0011_03_s _ 2012_19								
Action/Comments								

Tree or limb

No Photos

No Photos

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.08	Rating **	М	Issue No.		32	
LM End	0.91	Issue Type +	Ma	Location *		CR	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory	Ty .			Start		End	
Item	Crown Surface / Depressions /			36.9962	64 °	36.996273	0
пеш	Rutting			-120.3723	50°	-120.357666	0
DWR ID	DWR ID DWR_NA0011_03_s _ 2014_32						
Action/Comments							
Add appropriate gravel or road base. Grade and compact.							

No Photos

LM Start	0.08	Rating **	М	Issue No.		20	
LM End	0.08	Issue Type +	Ma	Location *	LS		
Category	Catagory Earthen Levee			GPS Latitude/Longitude			
Calegory	ory			Start		End	
Item	Encroachments			36.99620	)4 °	36.996201 °	
пеш				-120.37235	2°	-120.372345 °	
DWR ID	DWR ID DWR_NA0011_03_s _ 2012_20						
Action/Comments							
Debris							

No Photos

LM Start	0.37 Rating ** U Issue No.		36				
LM End	1.55	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS La	titud	e/Longitude	
Category	У			Start		End	
Item	Vegetatio	n		36.99619	97 °	36.996611 °	
пеш				-120.36736	° 08	-120.346460 °	
DWR ID	R ID DWR_NA0011_03_f _ 2014_36						
Action/Comments							

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control the unwanted wild growth from the landward levee section.

Photo 1 of 1 : FA\_2014\_NA0011\_144\_36\_20141124\_00013.jpg



Looking upstream at levee mile 0.37 wild growth covering the landward levee section to the levee mile 1.55.

\* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

\*\* Rating

A : Acceptable N : Not Inspected/Rated M : Maintelly Acceptable C : Corrected Ob : Design En : Enforce

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.42	Rating **	U	Issue No.		40	
LM End	1.55	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Vegetatio	n		36.99617	2 °	36.996611	0
пеш			-120.36642	8 °	-120.346460	٥	
DWR ID	DWR_NA0011_03_f _ 2014_40						

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the unwanted tall weeds from the waterside levee section.

#### Photo 1 of 1: FA\_2014\_NA0011\_144\_40\_20141124\_00009.jpg



Unwanted tall weeds on the waterside shoulder and slope.

LM Start	0.72	Rating **	U	Issue No.		41
LM End	1.55	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Animal Control			36.99624	40 °	36.996611°
item					28 °	-120.346460 °
DWR ID	DWR ID DWR_NA0011_03_f _ 2014_41					
		A -4: /	C	-1-		

#### Action/Comments

Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comments: Need bait stations present where rodents are active.

Photo 1 of 1 : FA	_2014_NA0011_144_4	41_20141124_00014.jpg
A A STATE OF A	THE REPORT OF THE PARTY OF THE	



Large rodent mounds on the landward levee slope.

LM Start	0.82	Rating **	M	Issue No.		22	
LM End	1.52	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetatio	Vegetation			2 °	36.996611	0
пеш				-120.35903	0 °	-120.346460	٥
DWR ID	DWR_NA0011_03_s _ 2012_22						

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W: Acceptable but Monitor & Maintain	En : Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.89	Rating **	М	Issue No.	39			
LM End	0.89	Issue Type +	Ма	Location *	LS			
Catagony	Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start End				End		
Item	Trim / Thi	n Trees		36.99626	61 °	36.996261		
пеш				-120.35809	95 °	-120.358095		
DWR ID	DWR_NA0011_03_s _ 2013_39							
	Action/Comments							

Trim and thin trees to allow visibility of the ground and room to flood fight.

No Photos

Rating \*\* Issue No. LM Start 1.05 M 24 Issue Type + Ma Location \* LS LM End 1.05 Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 36.996574° 36.996574° Item -120.355032 ° -120.355032 DWR NA0011 03 s 2012 24 DWR ID Action/Comments

Trim and thin trees to allow visibility of the ground and room to flood fight.

No Photos

LM Start	1.06	Rating **	U	Issue No.		47	
LM End	1.06	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		36.9965	93 °	36.996593 °	
item				-120.3551	58 °	-120.355160 °	
DWR ID	DWR ID DWR_NA0011_03_s _ 2014_47						
	Action/Comments						

Trees / Woody Vegetation

Inspector Comments: Control the woody tree growth so the levee slope can be seen.



Woody tree growth completely blocking the levee slope, toe and portion of the crown roadway.

\* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiancy Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.06	Rating **	U	Issue No.		44	
LM End	1.54	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	alegory			Start		End	
Item	Vegetatio	n		36.9965	92 °	36.996612	0
item	1			-120.3551	55 °	-120.346460	0
DWR ID DWR_NA0011_03_s _ 2014_44							
	Action/Comments						

Keep the crown roadway free of vegetation.

Inspector Comments: Keep crown roadway free of vegetation.

Photo 1 of 1 : FA\_2014\_NA0011\_144\_44\_20141124\_00015.jpg

Looking upstream from levee mile 1.06 to levee mile 1.54 crown roadway overgrown with tall weeds.

LM Start	1.06	Rating **	М	Issue No.		23	
LM End	1.06	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category						End	
Item	Trim / Thi	n Trees		36.9965	74 °	36.996574	0
пеш				-120.3550	32 °	-120.355032	0
DWR ID DWR_NA0011_03_s _ 2012_23							
	Action/Comments						

Thin trees to allow visibility of the ground and room to flood fight.

No Photos

LM Start	1.06	Rating **	М	Issue No.	38			
LM End	1.54	Issue Type +	Ма	Location *	CR			
Category	Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Vegetatio	n		36.9966	9 °	36.996627	0	
itein				-120.35507	'6 °	-120.346620	0	
DWR ID	DWR_NA0	011_03_f _ 201	2_38					
	Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.06	Rating **	М	Issue No.	48		
LM End	1.54	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start End			
Item	Animal Co	ontrol		36.99660	)9 °	36.996612 °	
пеш				-120.35509	90 °	-120.346460 °	
DWR ID	DWR_NA0011_03_s _ 2014_48						
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Not able to see rodent holes on levee slope due to wild growth blocking view.

No Photos

Rating \*\* Issue No. LM Start 1.07 M 11 Issue Type + Ma Location \* LS LM End 1.07 Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 36.996613° 36.996610° Item -120.355055 ° -120.354995 DWR NA0011 03 s 2012 11 DWR ID Action/Comments

Trim trees to at least five feet above ground level.

No Photos

Rating \*\* Issue No. LM Start 1.07 M 1.08 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End 36.996570 Encroachments 36.996568° Item -120.355028 -120.354788 ° DWR ID DWR\_NA0011\_03\_s \_ 2012\_4 Action/Comments

No Photos

\* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

Material

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.09	Rating **	М	Issue No.	25							
LM End	1.52	Issue Type +	Ма	Location *	CR							
Catagory	Earthen Levee			GPS Latitude/Longitude								
Calegory		Start		Start		End						
ltom	Vegetatio	n		36.99663	3°	36.996611	0					
пеш	Item		-120.35426	2°	-120.346460	0						
DWR ID	DWR_NA0	011_03_s _ 201	2_25									
		Action/	Commo	nte		Action/Comments						

Action/Comments

Remove the wild growth other than native grasse

Remove the wild growth other than native grasses from the levee slopes.

Rating \*\* Issue No. LM Start 1.09 M 15 Issue Type + Ma Location \* LS LM End 1.12 Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 36.996618° 36.996633° Item -120.354538 ° -120.354012 DWR NA0011 03 s 2012 15 DWR ID Action/Comments

Trim trees to at least five feet above ground level.

Rating \*\* Issue No. LM Start 1.09 M 16 1.10 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 36.996625 36.996620° Item -120.354535 -120.354340 ° DWR ID DWR\_NA0011\_03\_s \_ 2012\_16 Action/Comments

Trim trees to at least five feet above ground level.

No Photos

No Photos

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.10	Rating **	М	Issue No.	5				
LM End	1.21	Issue Type +	Ма	Location *	LS				
Catagory	Earthen Levee			GPS Latitude/Longitude					
Category				Start		End			
Item	Animal Co	Animal Control			7 °	36.996567	0		
пеш				-120.35451	5 °	-120.352393	0		
DWR ID	DWR_NA0	011_03_s _ 201	2_5						
	Action/Comments								

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Rating \*\* Issue No. LM Start 1.10 M WS Issue Type + Ma Location \* LM End 1.15 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.996582° 36.996588° Item -120.354410 ° -120.353595 DWR NA0011 03 s 2012 6 DWR ID

Action/Comments

Exterminate rodents and backfill and compact or grout burrows.

No Photos

No Photos

LM Start	1.12	Rating **	М	Issue No.	26		
LM End	1.52	Issue Type +	Ма	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
		Start		End			
Item	Vegetation			36.9966	09 °	36.996611	0
item				-120.3537	57 °	-120.346460	°
DWR ID	DWR_NA0	011_03_s _ 201	2_26				

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

\* Location LS : Land Side WS : Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.12	Rating **	М	Issue No.	27			
LM End	1.52	Issue Type +	Ma	Location *	LS			
Catagony	Earthen Levee			GPS Latitude/Longitude				
Category				Start		End		
Item	Vegetation			36.9966	0°	36.996611 °		
item				-120.35375	3°	-120.346460 °		
DWR ID	DWR_NA0	011_03_s _ 201	2_27					
	Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	1.26	Rating **	U	Issue No.	No. 17		
LM End	1.26	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Trim / Thin Trees			36.99663	32 °	36.996632	•
				-120.35146	3°	-120.351463	0
DWR ID	DWR_NA0011_03_s _ 2012_17						
		Action/	Comme	nts			

Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trim the tree blocking the levee slope landside.

# Photo 1 of 1: FA\_2014\_NA0011\_144\_17\_20141124\_00016.jpg

Looking upstream landward levee mile 1.26 tree growth blocks slope, shoulder and portion on the crown roadway.

LM Start	1.28	Rating **	М	Issue No.		30		
LM End	1.28	Issue Type +	Ма	Location *		LS		
Category	Earthen Levee			GPS Latitude/Longitude				
				Start		End		
Item	Trim / Thin Trees			36.9966	03 °	36.996603	٥	
				-120.3511	15 °	-120.351115	0	
DWR ID	DWR_NA0	011_03_s _ 201	12_30					
Action/Comments								

Thin trees to allow visibility of the ground and room to flood fight.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	11/18/2014 11/18/2014	Herman Phillips

LM Start	<b>1.50</b> Rating ** M		Issue No.		8		
LM End	1.53	Issue Type +	Ma	Location *		CR	
Catagony	Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Animal Control			36.9965	50 °	36.996583	٥
пеш				-120.3471	08 °	-120.346683	٥
DWR ID	DWR_NA0011_03_s _ 2012_8						

#### Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: At this levee section at levee mile 1.50 I measured a section of levee where there were 15 holes on the waterside, 4 on the crown roadway, and 3 on the landside. Pictures taken. This issue has not changed since last inspection, no new picture taken during spring 2013.

LM Start	1.50	Rating **	М	Issue No.	8 (cont)
LM End	1.53	Issue Type +	Ma	Location *	CR

# Photo 1 of 2 : FA\_2014\_NA0011\_144\_8\_20141008\_00001.jpg



There are severel rodent holes in the shoulder and crown of the roadway.

Photo 2 of 2: FA\_2014\_NA0011\_144\_8\_20141008\_00002.jpg



This photo shows holes in crown and shoulder.

LM Start	1.50	Rating **	М	Issue No.	9			
LM End	1.53	Issue Type +	Ma	Location *	WS			
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Control			36.9965	57 °	36.996583	0	
пеш				-120.3471	)2 °	-120.346678	0	
DWR ID	DWR_NA0	011_03_s _ 201	2_9					
Action/Comments								

Exterminate rodents and backfill and compact or grout burrows.

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.		2	
LM End	0.45	Issue Type +	Ma	Location *	LS		
Catagony	Earthen L	evee		GPS La	titud	e/Longitude	
Category				Start		End	
Item	Animal Control			36.99549	9 °	36.995610	0
item				-121.37337	o°	-120.365297	0
DWR ID	DWR_NA0011_04_s _ 2012_2						

#### Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Did not see any rodents but there is activity here at location, fresh holes present along slope and toe. No new photo taken here.



Large rodent holes on landside slope looking upstream from levee mile 0.01. Photo taken 4-24-2014. No new photo taken no maintenance has been done Fall 2014.

LM Start	0.01	Rating **	U	Issue No.	1			
LM End	1.52	Issue Type +	Ма	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Vegetation			36.995493 °		36.995593°			
item		-120.373242 °		-120.346400 °				
DWR ID DWR_NA0011_04_f _ 2014_1								
A :: 10								

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: No maintenance has been done here for several years now. The tumble weeds are 3.0 feet tall on both slopes.



Berenda Slough looking downstream from levee mile 0.01 to mile 1.52 Tumble weeds taller than 3.0 feet present shoulder slope and toe.

Photo 1 of 1: FA\_2014\_NA0011\_145\_4\_20141125\_00015.jpg

LM Start	0.01	Rating **	U	Issue No.		4	_
LM End	1.61	Issue Type +	Ма	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory		Start		End			
Item	Vegetatio	n		36.99549	3°	36.996215	0
пеш				-120.37324	2°	-120.344808	0
DWR ID DWR_NA0011_04_f _ 2014_4							

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: No maintenance has been done in several years, the weeds are 3.0 feet tall. The condition of the levee slopes can't be seen through wild weeds.



Unsatisfactory wild growth on the water side slope and shoulder.

\*Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
CR: Crown

\*\* Rating
A: Acceptable N: Not Inspected/Rated Ob: Design & System Obsolescence
CR: Crown

\* LSue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.08	Rating **	М	Issue No.	25		
LM End	0.08	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Trim / Thin Trees		36.995557 °		36.995557 °			
пеш	item				62 °	-120.372062 °	
DWR ID	DWR ID DWR_NA0011_04_s _ 2013_25						
Action/Comments							

Trim trees over roadway to at least 12 feet above ground level.

LM Start Rating \*\* M Issue No. 26 0.12 Location \* WS Issue Type + LM End 0.12 Ma Earthen Levee GPS Latitude/Longitude Category Trim / Thin Trees 36.995532° 36.995532° Item -120.371428 -120.371428 DWR NA0011 04 s 2013 26 DWR ID Action/Comments

Trim trees over roadway to at least 12 feet above ground level.

Rating \*\* Issue No. LM Start 0.15 Μ 12 Issue Type + Location \* LS LM End 0.20 Ма Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.995539° 36.995530 ° -120.370876 -120.369877 DWR ID DWR\_NA0011\_04\_s \_ 2012\_12

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

No Photos

No Photos

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

# Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

# **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.15	Rating **	М	Issue No.	8			
LM End	0.20	Issue Type +	Ma	Location *	WS			
Earthen Levee				GPS Latitude/Longitude				
Category		Start		End				
Vegetation		36.99553	4 °	36.995533				
пеш		-120.37087	4 °	-120.369899				
DWR ID	DWR_NA0011_04_s _ 2012_8							
Action/Comments								

Remove the wild growth other than native grasses from the levee slopes.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.28 M 21 WS Issue Type + Ma Location \* LM End 0.28 Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 36.995564° 36.995564° Item -120.368540 ° -120.368540 DWR NA0011 04 f 2012 21 DWR ID Action/Comments

Tree or limb

Rating \*\* Issue No. LM Start 0.31 M 14 1.34 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End 36.995566 Vegetation 36.995526° Item -120.368064 -120.349628 DWR ID DWR\_NA0011\_04\_s \_ 2012\_14 Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

\* Location LS : Land Side WS : Water Side

N/A: Not Applicable

A : Acceptable M : Minimally A : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.48	Rating **	М	Issue No.	6		
LM End	0.48	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Encroach	ments		36.99557	'2 °	36.995570 °	
пеш				-120.36487	'2 °	-120.364760 °	
DWR ID	DWR_NA0	2_6					
Action/Comments							

Tree or limb

No Photos

LM Start	0.58 Rating ** U			Issue No.		22
LM End	1.52	Issue Type +	Ма	Location *		CR
Category Earthen Levee			GPS La	titud	e/Longitude	
Calegory				Start		End
Item	Vegetation			36.99561	0 °	36.995503 °
item				-120.36307	'9	-120.352640 °
DWR ID	DWR_NA0011_04_f _ 2012_22					

#### Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Unsatisfactory growth on crown roadway. Growth 3.0-foot tall.

## Photo 1 of 1 : FA\_2014\_NA0011\_145\_22\_20141125\_00016.jpg



Looking upstream from levee mile 0.58 to levee mile 1.52 no maintenance has been done here, weeds 3.0 feet tall on crown.

Photo 1 of 1: FA\_2014\_NA0011\_145\_7\_20141124\_00012.jpg

LM Start	0.95	Rating **	U	Issue No.	7		
LM End	1.52	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		36.99563	32 °	36.995593 °	
item				-120.35660	00°	-120.346400 °	
DWR ID	DWR_NA0	011_04_f _ 201	4_7				
	Action/Comments						

Keep the crown roadway free of vegetation.

Inspector Comments: Weeds are from 2.5 to 3.0 feet tall in crown roadway from 0.95-1.52.



Unwanted tall weeds completely covering the levee crown roadway from levee mile 0.95 to levee mile 1.52.

\* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

\*\* Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
A/W: Acceptable but Monitor & Maintain

\*\* Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	0.95	Rating **	М	Issue No.	29			
LM End	1.27	Issue Type +	Ма	Location *	LS			
Category Earthen Levee				GPS La	titud	le/Longitude		
Calegory				Start		End		
Item	Animal Co	ontrol		36.99555	52 °	36.995474	0	
пеш				-120.35653	37 °	-120.350890	0	
DWR ID	DWR_NA0	011_04_s _ 201	3_29					
	Action/Comments							

Exterminate rodents and backfill and compact or grout burrows.

No Photos

Rating \*\* Issue No. LM Start 0.95 M 28 Issue Type + Ma Location \* LS LM End 0.95 Earthen Levee GPS Latitude/Longitude Category Start End Slope Stability 36.995546° 36.995546° Item -120.356494° -120.356494 DWR NA0011 04 s 2013 28 DWR ID Action/Comments

No Photos

Rating \*\* Issue No. LM Start 1.06 M 55 1.34 Issue Type + Ma Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.995596° 36.995571 Item -120.354562 ° -120.349736 ° DWR ID DWR\_NA0011\_04\_s \_ 2012\_55 Action/Comments

No Photos

Remove the wild growth other than native grasses from the levee slopes.

Repair slope instability.

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.08	Rating **	U	Issue No.	23		
LM End	2.20	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS La	tituc	le/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		36.9954	78 °	37.002630 °	
пеш				-120.3542	10 °	-120.338255 °	
DWR ID	DWR_NA0	011_04_f _ 201	4_23				
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Need bait stations in active areas.



Rodent mounds present on levee slope levee mile 1.08 to 2.20.

LM Start	1.51	Rating **	U	Issue No.		9		
LM End	1.51	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Slope Sta	bility		36.9956	11 °	36.995611		
item				-120.34623	36 °	-120.346236 °		
DWR ID	DWR_NA0011_04_s _ 2012_9							
	Action/Comments							

Repair slope instability.

Inspector Comments: The Madera County Resource Management Agency will be sending the landowner a letter addressing this damage. The damage here was caused by a Contractor. 11-01-2012 no repairs have been done to this site. 4-16-2013 this site was inspected and no repairs has been by landowner. Fall 2014 no change.

Photo 1 of 2 : FA_2	2014_NA0011_	_145_9_201	41008_00003.jpg	
		Towns .	The Paris	
140	The state of the s	The state of the s	STATE OF THE STATE	
		1		
		over		
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			and the state of	
	10-10-5		24	
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Levee mile 1.51 levee damaged by the landowner. Photo taken 4-24-2014

 LM Start
 1.51
 Rating \*\*
 U
 Issue No.
 9 (cont)

 LM End
 1.51
 Issue Type +
 Ma
 Location \*
 LS

Photo 2 of 2: FA\_2014\_NA0011\_145\_9\_20141008\_00004.jpg



Levee mile 1.51 landward slope remains unrepaired by the landowner. Photo taken 4-24-2014. No new photo taken Fall 2014. no change.

\*Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating
A: Acceptable A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: C: Corrected CA/W: Acceptable but Monitor & Maintain Enforcement

\*\* Rating
A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.52	Rating **	М	Issue No.	24			
LM End	1.87	Issue Type +	Ма	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Co	Animal Control			2°	37.003441	0	
пеш				-120.34638	11°	-120.346460	0	
DWR ID	DWR_NA0	011_04_f _ 201	2_24					
	Action/Comments							

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Rating \*\* Issue No. LM Start 1.59 M 11 Issue Type + Ma Location \* LS LM End 1.59 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.995910° 36.995910° Item -120.345293 ° -120.345293 DWR NA0011 04 s 2012 11 DWR ID Action/Comments

Exterminate rodents and backfill and compact or grout burrows.

Rating \*\* Issue No. LM Start 1.63 M 27 1.65 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.996503 36.996295° Item -120.344750 ° -120.344465 ° DWR ID DWR\_NA0011\_04\_f \_ 2014\_27 Action/Comments

Exterminate rodents and backfill and compact or grout burrows.

No Photos

No Photos

No Photos

\* Location LS : Land Side WS : Water Side

N/A: Not Applicable

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.65	Rating **	U	Issue No.	30		
LM End	2.07	Issue Type +	Ma	Location *	WS		
Category	evee	GPS La	atitud	le/Longitude			
Calegory				Start		End	
Item	Animal Co	ontrol		36.9965	03 °	37.001118 °	
пеш				-120.3444	65 °	-120.339812 °	
DWR ID DWR_NA0011_04_f _ 2014_30							
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Bait stations are needed in Rodent infested area.

## Photo 1 of 1: FA\_2014\_NA0011\_145\_30\_20141125\_00017.jpg



Berenda Slough looking downstream from levee mile 1.65 waterside large rodent holes on slope.

LM Start	1.66	Rating **	U	Issue No. 5		57
LM End	2.25	Issue Type +	Ма	Location *	LS	
Category Earthen Levee				GPS La	tituc	le/Longitude
Calegory			Start		End	
Item	Animal Co	ontrol		36.9965	74 °	37.003328°
пеш			-120.3444	30°	-120.337604 °	
DWR ID DWR_NA0011_04_s _ 2012_57						

#### Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District really needs to do a better job of controling the rodents. There should be bait stations with rodent bait in place. (2013).

#### Photo 1 of 1: FA\_2014\_NA0011\_145\_57\_20141008\_00011.jpg



There are several rodent holes covering the landward slope. Photo taken 4-24-2014. No new photo Fall inspection 2014.

LM Start	1.66	Rating **	М	Issue No.	59			
LM End	1.69	Issue Type +	Ma	Location *	CR			
Category Earthen Levee				GPS La	tituc	le/Longitude		
Calegory		Start		End				
Item	Animal Co	ontrol		36.99657	'3 °	36.997002	0	
пеш				-120.34442	28 °	-120.343977	0	
DWR ID DWR_NA0011_04_s _ 2012_59								
	Action/Comments							

Exterminate rodents and backfill and compact or grout burrows.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

NA0011

#### Flood Control Project Maintenance Levee Inspections

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	11/18/2014 11/18/2014	Herman Phillips

LM Start	1.66	Rating **	U	Issue No.		13
LM End	2.25	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS La	atitud	le/Longitude
Calegory						End
Item	Animal Co	ontrol		36.9965	74 °	37.003328 °
item				-120.3444	30°	-120.337600 °
DWR ID	DWR_NA0	011_04_s _ 201	4_13		·	

#### Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This area needs better rodent control, the levee slopes are covered with fresh holes even though no rodent was seen. The district should partner with the landowner and make a combined effort to attack the rodents.

## Photo 1 of 1 : FA\_2014\_NA0011\_145\_13\_20141125\_00018.jpg



Looking at waterside upstream from levee mile 1.66 to levee mile 2.25 large holes present on the waterside slope and toe.

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.		33
LM End	6.58	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		36.9785	31 °	36.968644
item				-120.3683	20°	-120.256533
DWR ID DWR_NA0011_05_s _ 2013_33						

#### Action/Comments

Remove the wild growth other than native grasses from the levee

Inspector Comments: No maintenance has been done on the levee section since my last two inspections. 4-16-2013.

#### Photo 1 of 1: FA\_2014\_NA0011\_146\_33\_20141121\_00011.jpg



Fresno River Unit 5 looking downstream at landward slope tall weeds present.

LM Start	0.03	Rating **	М	Issue No.	20		
LM End	0.22	Issue Type +	Ma	Location *		WS	
Category	GPS La	atitud	e/Longitude				
Category		Start		End			
Item	Vegetatio	n		36.9785	28 °	36.977920	
пеш				-120.3680	05 °	-120.364762	
DWR ID DWR_NA0011_05_f _ 2014_20							
	Action/Comments						

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	0.03	Rating **	U	Issue No.		15
LM End	4.10	Issue Type +	Ma	Location *		CR
Category Earthen Levee				GPS La	atitud	le/Longitude
Calegory						End
Item	Vegetatio	n		36.9785	28 °	36.968192 °
item				-120.3680	05 °	-120.300925 °
DWR ID DWR_NA0011_05_f _ 2014_15						
Action/Comments						

Keep the crown roadway free of vegetation.

# Photo 1 of 1: FA\_2014\_NA0011\_146\_15\_20141121\_00012.jpg



Looking downstream stream from levee mile 0.03- 4.10 unwanted tall weeds present on crown roadway.

Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side : Acceptable N : Not Inspected/Rated WS : Water Side : Minimally Acceptable C : Corrected U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	0.03	Rating **	М	Issue No.		40	
LM End	4.10	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Item	Vegetatio	n		36.97852	8°	36.968192	0
пеш				-120.36801	0 °	-120.300930	0
DWR ID	DWR_NA0011_05_f _ 2014_40						

#### Action/Comments

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There has been some vegetation removed from waterside slope either by sheep or goat but tumble weeds have regrown on levee slope.

#### Photo 1 of 1: FA\_2014\_NA0011\_146\_40\_20141121\_00010.jpg



Looking downstream from levee mile 0.03 waterside.

LM Start	0.19	Rating **	М	Issue No.	3		
LM End	0.40	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Animal Co	ontrol	36.97799	98 °	36.976882 °		
item				-120.36507	7 °	-120.361610 °	
DWR ID	DWR_NA0011_05_s _ 2012_3						
		Action/	Commo	ntc			

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

LM Start	0.20	Rating **	М	Issue No.		4		
LM End	0.26	Issue Type +	Ма	Location *	WS			
Category	Earthen Levee			GPS Latitude/Longitude				
				Start		End		
Item	Animal Control			36.97796	7°	36.977715	0	
item				-120.36496	0°	-120.363902	0	
DWR ID	DWR_NA0011_05_s _ 2012_4							
Action/Comments								

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

Location N/A: Not Applicable LS: Land Side Acceptable WS : Water Side Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	<b>0.22</b> Rating ** U		Issue No.		31	
LM End	0.32	Issue Type +	Ма	Location *		WS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End	
Item	, Vegetation			36.97792	20 °	36.977482 °
item			-120.36476	62 °	-120.362990 °	
DWR ID	DWR_NA0011_05_f _ 2014_31					
		Action/	Comme	nts		

Control annual grass and weeds on the levee slopes and easements.

#### Photo 1 of 1 : FA\_2014\_NA0011\_146\_31\_20141121\_00013.jpg



Looking downstream form levee mile 0.22-0.32 unwanted tall tumble weeds covering waterward levee slope.

LM Start	0.53	Rating **	М	Issue No. 32		32	
LM End	1.09	Issue Type +	Ma	Location *	WS		
Category	Category Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Vegetatio	n		36.9757	10°	36.969615 °	
пеш				-120.3599	85 °	-120.353608 °	
DWR ID	DWR_NA0011_05_f _ 2014_32						
Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	0.54	Rating **	М	Issue No.	5		
LM End	0.56	Issue Type +	Ма	Location *	LS		
Category	Earthen L	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Animal Co	ontrol		36.9755	20 °	36.975350°	
item				-120.3597	38 °	-120.359548 °	
DWR ID	DWR_NA0011_05_s _ 2012_5						
Action/Comments							

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	0.86	Rating **	М	Issue No.		13	
LM End	1.13	Issue Type +	Ма	Location *	CR		
Catagory	Earthen L	GPS Latitude/Longitude					
Category				Start		End	
ltom	Item Crown Surface / Depressions / Rutting			36.97234	14 °	36.968963	0
пеш				-120.35569	)2 °	-120.353347	0
DWR ID	DWR_NA0011_05_s _ 2012_13						
Action/Comments							

Add appropriate material and re-grade the levee to bring the crown above the design elevation.

No Photos

Rating \*\* Issue No. LM Start 1.09 U 39 WS Issue Type + Ma Location \* LM End 4.10 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.969615° 36.968192 ° Item -120.353608 ° -120.300925 DWR NA0011 05 f 2014 39 DWR ID Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Remove the tall growth of tumble weeds on the waterward slope.

## Photo 1 of 1 : FA\_2014\_NA0011\_146\_39\_20141121\_00014.jpg



Looking downstream from levee mile 1.09 to 4.10 tumble weeds covering water ward slope.

LM Start	1.19	Rating **	М	Issue No.		16	
LM End	1.20	Issue Type +	Ma	Location *		CR	
Category	Earthen L	GPS Latitude/Longitude					
				Start		End	
Item	Crown Surface / Depressions /			36.9683	54 °	36.968272	0
item	Rutting			-120.3527	61 °	-120.352623	0
DWR ID	DWR_NA0011_05_f _ 2012_16						
		Action/	Comme	nts			

Add appropriate material and re-grade the levee to bring the crown above the design elevation.

No Photos

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	1.30	Rating **	М	Issue No.	11		
LM End	1.39	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Crown Surface / Depressions / Rutting			36.96785	8°	36.967868	0
пеш				-120.35106	4 °	-120.349417	0
DWR ID	DWR_NA0						
Action/Comments							

Repair depressions or ruts in the crown or slope.

Repair depressions or ruts in the crown or slope.

No Photos

Rating \*\* Issue No. LM Start 1.52 M 14 Issue Type + Ma Location \* LS LM End 1.60 Earthen Levee GPS Latitude/Longitude Category Start End Crown Surface / Depressions / 36.967876° 36.967865° Item Rutting -120.347037 ° -120.345679 DWR NA0011 05 s 2012 14 DWR ID Action/Comments

No Photos

Rating \*\* Issue No. LM Start 1.52 M 30 1.87 Issue Type + Ma Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Crown Surface / Depressions / 36.967901 ° 36.967931 Item Rutting -120.347012 ° -120.340852 ° DWR ID DWR\_NA0011\_05\_f \_ 2012\_30

Action/Comments

No Photos

Add appropriate material and re-grade the levee to bring the crown above the design elevation.

\* Location LS : Land Side

N/A: Not Applicable

WS : Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0011

#### **Flood Control Project Maintenance** Levee Inspections

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	1.59	Rating **	М	Issue No.	18		
LM End	4.10	Issue Type +	Ма	Location *	LS		
Catagony	Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Animal Control			36.96792	8 °	36.968175	0
пеш				-120.34581	3°	-120.300922	0
DWR ID	DWR_NA0011_05_s _ 2012_18						
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows.

No Photos

Rating \*\* Issue No. LM Start 2.52 M 19 WS Issue Type + Ma Location \* LM End 2.52 Rivers, Channels & GPS Latitude/Longitude Category Designated Floodways Start End Encroachments 36.968222° 36.968222° Item -120.329131 ° -120.329131 DWR NA0011 05 s 2012 19 DWR ID Action/Comments

Inspector Comments: Trash in channel.

No Photos

Rating \*\* Issue No. LM Start 4.24 M 22 4.36 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.968202 36.968138° Item -120.298362 -120.296210 ° DWR ID DWR\_NA0011\_05\_s \_ 2012\_22 Action/Comments

No Photos

Exterminate rodents and backfill and compact or grout burrows.

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	4.24	Rating **	М	Issue No.	21			
LM End	4.36	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Co	ontrol		36.96813	5 °	36.968202		
пеш				-120.29835	5 °	-120.296210		
DWR ID	DWR_NA0011_05_s _ 2012_21							
	Action/Comments							

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Rating \*\* Issue No. LM Start 4.50 M 23 WS Issue Type + Ma Location \* LM End 5.27 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.968230° 36.968247° Item -120.293665 ° -120.279957

Action/Comments

DWR NA0011 05 s 2012 23 DWR ID

Exterminate rodents and backfill and compact or grout burrows.

No Photos

No Photos

Rating \*\* Issue No. LM Start 6.57 M 17 6.88 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End 36.969510 Vegetation 36.968453° Item -120.255595 -120.250163 ° DWR ID DWR\_NA0011\_05\_s \_ 2012\_17

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

\* Location LS : Land Side WS : Water Side

N/A: Not Applicable

Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	6.64	Rating **	U	Issue No.	34		
LM End	7.60	Issue Type +	Ma	Location *	WS		
Catagony	Category Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Vegetation			36.9685	12 °	36.969528	0
пеш				-120.2554	25 °	-120.238603	0
DWR ID	DWR_NA0011_05_f _ 2014_34						
	Action/Comments						

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The wild growth of brush and weeds has to be controlled.

## Photo 1 of 1 : FA\_2014\_NA0011\_146\_34\_20141121\_00015.jpg



Looking downstream from levee mile 6.64 unwanted wild vegetation growth on the waterward shoulder and slope.

LM Start	6.64	Rating **	Α	Issue No.	42			
LM End	7.60	Issue Type +	Ма	Location *	LS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End		
Item	Vegetation			36.9685	12 °	36.969528	0	
пеш				-120.25542	25 °	-120.238603	0	
DWR ID	DWR_NA0							
	Action/Comments							

Control annual grass and weeds on the levee slopes and easements.

No Photos

LM Start	6.67	Rating **	С	Issue No.	24		
LM End	6.75	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		36.9685	05 °	36.968855	0
item				-120.2548	93 °	-120.253545	0
DWR ID	DWR_NA0	011_05_s _ 201	2_24		·		

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District has replaced the old bait stations with new ones and put a program together to reduce the rodents in the

Action/Comments

No Photos

\* Location
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

\*\* Rating
A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy
C : Corrected Ob : Design & System Obsolescence
U : Unacceptable A/W : Acceptable but Monitor & Maintain En : Enforcement

NA0011

#### Flood Control Project Maintenance Levee Inspections

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	<b>6.72</b> Rating ** C			Issue No.		36	
LM End	6.72	Issue Type +	Ma	Location *		CR	
Catagory	Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Animal Control			36.9686	62 °	36.968662 °	
item				-120.2540	58 °	-120.254058 °	
DWR ID	DWR_NA0011_05_s _ 2013_36						
		Action/	Comme	nts			

Exterminate rodents and backfill and compact or grout burrows.

LM Start 6.78 Rating \*\* Μ Issue No. 44 Issue Type + Location \* Ма LS LM End 6.87 Earthen Levee GPS Latitude/Longitude Category **Animal Control** 36.968992° 36.969465° Item -120.253143 ° -120.251303 ° DWR NA0011 05 f 2014 44 DWR ID Action/Comments

Exterminate rodents and backfill and compact or grout burrows.

Rating \*\* Issue No. LM Start 7.18 Μ 45 Issue Type + Location \* CR LM End 7.60 Ма Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.969512° 36.969528 ° -120.238603 -120.245957 DWR ID DWR\_NA0011\_05\_f \_ 2014\_45 Action/Comments

Keep the crown roadway free of vegetation.

No Photos

No Photos

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

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#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	7.60	Rating **	Α	Issue No.		48		
LM End	9.20	Issue Type +	Ма	Location *	WS			
Cotogony	Earthen L	evee		GPS Lati	tuc	le/Longitude		
Category				Start		End		
Item	Vegetatio	n		36.969528 ° 36.97335			0	
пеш				-120.238603	3°	-120.211430	0	
DWR ID	DWR_NA0011_05_f _ 2014_48							
	Action/Comments							

Control annual grass and weeds on the levee slopes and easements.

No Photos

Rating \*\* Issue No. LM Start 7.61 С 12 Issue Type + Ma Location \* LS LM End 7.76 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.969577° 36.969725° Item -120.238330 ° -120.235783 DWR ID DWR NA0011 05 s 2012 12

No Photos

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

LM Start	7.68	Rating **	М	Issue No.	25		
LM End	7.68	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category			Start		End		
Item	Erosion /	Bank Caving		36.96957	1 °	36.969543	0
item				-120.23705	1°	-120.237041	0
DWR ID	DWR_NA0	011_05_s _ 201	2_25				
		Action/	Commo	nte			

No Photos

Note and monitor erosion site.

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	7.91	Rating **	С	Issue No.		26	
LM End	7.93	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			36.9709	19 °	36.971056	0
пеш				-120.2335	29 °	-120.233226	٥
DWR ID	DWR_NA0	011_05_s _ 201	2_26				
		Action/	Comme	nts			
Firewood							

No Photos

LM Start	8.19	Rating **	М	Issue No.		37	
LM End	8.27	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Animal Co	ontrol		36.97239	91 °	36.972399	0
item				-120.2288	57 °	-120.227424	0
DWR ID	DWR_NA0011_05_s _ 2013_37						
	Action/Comments						

No Photos

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

LM Start	8.47	Rating **	U	Issue No.	28	
LM End	8.50	Issue Type +	Ма	Location *	N/A	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory		Start				End
Item	Encroach	ments		36.97293	31 °	36.972924°
пеш				-120.22402	24 °	-120.223538 °
DWR ID DWR_NA0011_05_s _ 2012_28						
	Action/Comments					

#### Firewood

Inspector Comments: Remove the firewood from the landside slope and toe, this levee has a history of rodents. This wood pile will provide a unwanted habitat for them.

#### Photo 1 of 1: FA\_2014\_NA0011\_146\_28\_20141121\_00016.jpg



Looking downstream from levee mile 8.47-8.50 firewood on the landside levee slope and toe.

\* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiancy

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain

\*\* Rating

A: Not Applicable Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	11/19/2014 11/19/2014	Herman Phillips

LM Start	8.53	Rating **	С	Issue No.		27
LM End	8.54	Issue Type +	Ма	Location *	LS	
Category	Category Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachi	Encroachments			20 °	36.372730 °
item				-120.3985	00 °	-120.221320 °
DWR ID	DWR_NA0	011_05_s _ 201	2_27			
		Action/	Comme	nts		
Debris						

No Photos

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	2		
LM End	0.76	Issue Type +	Ма	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	ategory			Start		End	
Item	Vegetatio	n		36.9770	02 °	36.971870	
пеш				-120.3668	81 °	-120.356336	
DWR ID DWR_NA0011_06_s _ 2014_2							
	Action/Comments						

Keep the crown roadway free of vegetation.

Inspector Comments: Keep crown roadway free of vegetation.

## Photo 1 of 1: FA\_2014\_NA0011\_147\_2\_20141121\_00010.jpg



Fresno River Unit 6 looking upstream from levee mile 0.00 crown roadway.

LM Start	0.00	Rating **	М	Issue No.	21	
LM End	1.07	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
ltem	Vegetatio	n		36.9769	94 °	36.968011 °
Item			-120.3675	49 °	-120.353556 °	
DWR ID DWR_NA0011_06_s _ 2012_21						
		Action/	Comme	nts		

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	0.00	Rating **	U	Issue No.	23		
LM End	3.45	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Vegetatio	n		36.976994	1°	36.967421	0
пеш				-120.367548	3°	-120.311329	0
DWR ID	DWR_NA0	011_06_s _ 201	2_23				
		A .: /	_				

Action/Comments

Remove the wild growth other than native grasses from the levee

Inspector Comments: Remove the wild growth of weeds from levee section.



Looking upstream from levee mile 0.00 wild weeds on waterside slope.

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side Acceptable N : Not Inspected/Rated WS : Water Side Minimally Acceptable C : Corrected U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	24				
LM End	3.51	Issue Type +	Ма	Location *	LS				
Catagony	Category Earthen Levee				GPS Latitude/Longitude				
Calegory	alegory			Start		End			
Item	Vegetatio	n		36.97699	93 °	36.967408	0		
пеш				-120.36754	18 °	-120.310312	0		
DWR ID	DWR_NA0011_06_s _ 2012_24								
	Action/Comments								

Remove the wild growth other than native grasses from the levee

Inspector Comments: Remove the unwanted weeds from the levee slope.

Photo 1 of 1: FA\_2014\_NA0011\_147\_24\_20141121\_00012.jpg



Looking upstream from landside slope 0.00 to 3.51.

LM Start	0.02	Rating **	М	Issue No.		35	
LM End	1.12	Issue Type +	Ma	Location *	CR		
Catagory	Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Itom	Vegetatio	n		36.9769	52 °	36.967407 °	
Item 5				-120.3669	88 °	-120.352670 °	
DWR ID	DWR ID DWR_NA0011_06_f _ 2014_35						
	Action/Comments						

Keep the crown roadway free of vegetation.

No Photos

LM Start	0.06	Rating **	М	Issue No.		40		
LM End	0.08	Issue Type +	Ма	Location *		LS		
Catagony	Earthen L	evee		GPS Latitude/Longitude				
Category			Start		End			
Item	Vegetatio	ation		36.97694	l2°	36.976937	0	
пеш				-120.36636	65 °	-120.365900	0	
DWR ID	DWR_NA0	011_06_f _ 201	4_40					
		Action/	Commer	nts				

Control annual grass and weeds on the levee slopes and easements.

No Photos

\* Location
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

\*\* Rating
A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy
C : Corrected Ob : Design & System Obsolescence
U : Unacceptable A/W : Acceptable but Monitor & Maintain En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	80.0	Rating **	U	Issue No.	No. 45		
LM End	0.87	Issue Type +	Ma	Location *	LS		
Catagony	Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetation			36.9769	37 °	36.970593	٥
item					00 °	-120.354948	٥
DWR ID DWR_NA0011_06_f _ 2014_45							
		Action/	Comme	nts			

Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove tall weeds from landward levee slope.

## Photo 1 of 1 : FA\_2014\_NA0011\_147\_45\_20141121\_00013.jpg



Looking upstream from levee mile 0.08 to 0.87.

LM Start	0.18	Rating **	М	Issue No.	18		
LM End	3.23	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
ltom	Animal Co	ontrol		36.9769	01 °	36.967383°	
пеш	Item				74 °	-120.315330 °	
DWR ID DWR_NA0011_06_s _ 2012_18							
		Action/	Comme	nts			

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

LM Start	1.13	Rating **	М	Issue No.	41			
LM End	1.20	Issue Type +	Ma	Location *	LS			
Catagory	Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End			
Item	Slope Stability			36.9674	94 °	36.967207	0	
пеш				-120.3526	70°	-120.351590	0	
DWR ID DWR_NA0011_06_s _ 2013_41								
	Action/Comments							

Repair slope instability.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W: Acceptable but Monitor & Maintain	En : Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	1.23	Rating **	С	Issue No.		17			
LM End	3.65	Issue Type +	Ma	Location *	CR				
Catagory	Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End			
Item	Vegetatio	egetation			67 °	36.967376	0		
пеш				-120.3510	39°	-120.307719	0		
DWR ID DWR_NA0011_06_s _ 2012_17									
		Action/	Comme	nts					

Remove the wild growth other than native grasses from the levee slopes.

No Photos

Rating \*\* Issue No. LM Start 2.73 M 13 Issue Type + Ma Location \* LS LM End 2.82 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967317° 36.967302° Item -120.324138 ° -120.322640 DWR NA0011 06 s 2012 13 DWR ID Action/Comments

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: District needs to continue using the bait stations in the areas where rodents are visibly active.

No Photos

LM Start	4.18	Rating **	М	Issue No.	48		
LM End	4.18	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
ltom	Animal Co	ontrol		36.9674	65 °	36.967465 °	
item	Item				15 °	-120.298415 °	
DWR ID DWR_NA0011_06_f _ 2014_48						·	
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Huge rodent hole in crown roadway landward... Photo 1 of 1: FA\_2014\_NA0011\_147\_48\_20141125\_00023.jpg



Huge Rodent hole in crown roadway.

Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side : Acceptable N : Not Inspected/Rated WS : Water Side Minimally Acceptable C : Corrected U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

NA0011

#### **Flood Control Project Maintenance** Levee Inspections

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	4.55	Rating **	М	Issue No.		49	
LM End	5.55	Issue Type +	Ma	Location *		CR	
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Calegory		Start		Start		End	
Item	Vegetation		36.967532 °		36.967492 °		
пеш				-120.29180	0 °	-120.274003 °	
DWR ID	DWR_NA0	011_06_f _ 201	4_49				
	Action/Comments						
Keep the c	Keep the crown roadway free of vegetation.						

No Photos

Rating \*\* Issue No. LM Start 4.67 M 38 Issue Type + Ma Location \* CR LM End 4.67 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967497° 36.967497° Item -120.289576 ° -120.289576 DWR NA0011 06 s 2013 38 DWR ID Action/Comments

Exterminate rodents and backfill and compact or grout burrows.

No Photos

Rating \*\* Issue No. LM Start 4.97 M 28 6.55 Issue Type + Ma Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End 36.967893 Vegetation 36.967501 ° Item -120.284141 -120.256169 DWR ID DWR\_NA0011\_06\_f \_ 2012\_28

No Photos

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

\* Location

N/A: Not Applicable LS : Land Side WS : Water Side

A : Acceptable M : Minimally A : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W: Acceptable but Monitor & Maintain En: Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	5.41	Rating **	M	Issue No.		12	
LM End	5.45	Issue Type +	Ма	Location *		LS	
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Calegory	gory			Start		End	
Item	Animal Co	ontrol		36.9675	50°	36.967572	0
пеш				-120.2762	08 °	-120.275478	0
DWR ID	DWR_NA0	011_06_s _ 201	2_12				
		Action/	Comme	nts			

Exterminate rodents and backfill and compact or grout burrows.

No Photos

Rating \*\* Issue No. LM Start 5.55 M 15 Location \* Issue Type + Ma LS LM End 6.23 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.967497° 36.967549° Item -120.273990 ° -120.261772 DWR ID DWR NA0011 06 s 2012 15 Action/Comments

No Photos

Remove the wild growth other than native grasses from the levee slopes.

LM Start	5.55	Rating **	М	Issue No.		16	
LM End	6.16	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	ategory			Start		End	
Item	Vegetatio	n		36.9675	04 °	36.967485	0
пеш				-120.2738	77 °	-120.262972	0
DWR ID	DWR_NA0	011_06_s _ 201	2_16				
		Action/	Comme	nts			

No Photos

Keep the crown roadway free of vegetation.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	5.55	Rating **	М	Issue No.		29	
LM End	5.55	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroach	ncroachments			84 °	36.967484 °	
пеш				-120.273854 °		-120.273854 °	
DWR ID	DWR_NA0	011_06_f _ 201	2_29				
		Action/	Comme	nts			
Prunings							

No Photos

LM Start	5.72	Rating **	М	Issue No.		3	
LM End	5.72	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
<u> </u>				Start		End	
Item	Encroachments			36.96746	88°	36.967468 °	
item				-120.27090	)2 °	-120.270902 °	
DWR ID	DWR_NA0	011_06_s _ 201	2_3				
		Action/	Commer	nts			
Material							

No Photos

LM Start	5.84	Rating **	М	Issue No.	9		
LM End	5.84	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Item	Animal Co	ontrol		36.96753	8 °	36.967538 °	
пеш				-120.26866	° 0	-120.268660 °	
DWR ID	DWR_NA0	011_06_s _ 201	2_9				
	Action/Comments						

No Photos

Exterminate rodents and backfill and compact or grout burrows.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	6.00	Rating **	М	Issue No.		8	
LM End	6.20	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee				GPS Latitude/Longitude		
Category				Start End			
Item	Animal Co	ontrol		36.9675	30 °	36.967545 °	
пеш				-120.2657	32 °	-120.262320 °	
DWR ID	R ID DWR_NA0011_06_s _ 2012_8						
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows.

Rating \*\* Issue No. LM Start 6.22 M LS Issue Type + Ma Location \* LM End 6.52 Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967572° 36.967923° Item -120.261918 ° -120.256698

Action/Comments

DWR NA0011 06 s 2012 6 DWR ID

Exterminate rodents and backfill and compact or grout burrows.

LM Start	6.47	Rating **	М	Issue No.		34	
LM End	6.55	Issue Type +	Ма	Location *	LS		
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Co	ontrol		36.96786	63 °	36.967854	0
item				-120.2576°	11 °	-120.256047	0
DWR ID	DWR_NA0	011_06_s _ 201	3_34				
	Action/Comments						

Exterminate rodents and backfill and compact or grout burrows.

No Photos

No Photos

No Photos

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start         6.47         Rating **         C         Issue No.         37           LM End         6.47         Issue Type +         Ma         Location *         LS           Category           Item         Animal Control         36.967886 °         36.967886 °           DWR ID         DWR_NA0011_06_s _ 2014_37           Action/Comments								
Category         Earthen Levee         GPS Latitude/Longitude           Item         Animal Control         36.967886 ° 36.967886           DWR ID         DWR_NA0011_06_s _ 2014_37	LM Start	6.47	Rating **	С	Issue No.	37		
Category         Start         End           Item         Animal Control         36.967886         36.967886           -120.257587         -120.257586	LM End	6.47	Issue Type +	Ma	Location *	LS		
Start         End           Item         Animal Control         36.967886         36.967886           -120.257587         -120.257586				GPS Latitude/Longitude				
tem	Calegory	Category			Start		End	
-120.257587   -120.257586     DWR ID   DWR_NA0011_06_s _ 2014_37	ltom				36.9678	86 °	36.967886	0
	item				-120.2575	87 °	-120.257586	0
Action/Comments	DWR ID DWR_NA0011_06_s _ 2014_37							
	Action/Comments							

Exterminate rodents and backfill and compact or grout burrows.

No Photos

LM Start	6.60	Rating **	U	Issue No.		50	
LM End	8.71	Issue Type +	Ма	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Item	Vegetatio	n		36.96792	23 °	36.971310°	
item	em			-120.25512	25 °	-120.218905 °	
DWR ID DWR_NA0011_06_f _ 2014_50							
Action/Comments							

Remove the wild growth other than native grasses from the levee

Inspector Comments: Control the wild growth of brush from the waterward levee slope.

# Photo 1 of 1: FA\_2014\_NA0011\_147\_50\_20141121\_00015.jpg



Looking upstream from levee mile 6.60 to 8.71 unwanted tall brush on the waterward levee slope and shoulder.

LM Start	7.20	Rating **	M	Issue No.	32		
LM End	8.67	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category			Start		End		
Item	Vegetatio	n		36.9687	75 °	36.971275	0
пеш				-120.2446	55 °	-120.219746	0
DWR ID DWR_NA0011_06_f _ 2012_32							
Action/Comments							

Remove the wild growth other than native grasses from the levee slopes.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	7.25	Rating **	С	Issue No.	36		
LM End	7.25	Issue Type +	Ма	Location *	WS		
Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Trim / Thi	n Trees		36.9688	47 °	36.968847	0
пеш			-120.2437	48 °	-120.243748	0	
DWR ID DWR_NA0011_06_s _ 2014_36							
Action/Comments							

No Photos

Trim trees to at least five feet above ground level.

LM Start	7.51	Rating **	М	Issue No.	33		
LM End	8.60	Issue Type +	Ма	Location *	WS		
Catagoria Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
ltom	Vegetatio	n		36.9688	55 °	36.971633	0
item	Item			-120.23914	17 °	-120.220920	0
DWR ID DWR_NA0011_06_f _ 2012_33							
Action/Comments							

No Photos

Remove the wild growth other than native grasses from the levee slopes.

LM Start	7.73	Rating **	U	Issue No.		10	
LM End	8.85	Issue Type +	Ма	Location *	CR		
Catagory Earthen Levee			GPS Latitude/Longitude				
Category			Start		End		
Item	Vegetatio	n		36.96920	)3 °	36.971661 °	
пеш				-120.23532	23 °	-120.216589 °	
DWR ID DWR_NA0011_06_s _ 2012_10							
Action/Comments							

Keep the crown roadway free of vegetation.

Inspector Comments: Keep the crown roadway free of vegetation.



Looking upstream at wild growth on the crown roadway.

\* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

## **Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	11/19/2014 11/19/2014	Herman Phillips

LM Start	8.90	Rating **	М	Issue No.		11
LM End	8.90	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		36.9719	44 °	36.971944 °
пеш					90 °	-120.215790 °
DWR ID	DWR_NA0	011_06_s _ 201	3_11			
		Action/	Comme	nts		
Exterminat	te rodents	and backfill a	nd comp	act or grou	t bur	rows.

No Photos

\*Location

LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

\*\* Rating

A: Acceptable
N: Not Inspected/Rated
N: Not Inspected/Rated
C: Corrected
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
N: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement